

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

optical fiber processing apparatus including an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;

a roller arrangement which provides a direction of travel of the optical fiber at an output thereof which is different from a direction of travel of the optical fiber at an input thereof, and which draws said optical fiber substantially around a circular arc having to adjust a curvature of said optical fiber by an adjusted curvature radius, said roller arrangement comprising:

a fixing roller immediately following the optical fiber processing apparatus standard value controller unit and adapted to change a drawing direction of the optical fiber by to a curvature radius which is less than the adjusted curvature radius;

at least two ~~moving~~ movable rollers immediately following the fixing roller and on a same side of said optical

fiber as said fixing roller, said at least two ~~moving~~ movable rollers having axial centers which are movable to different positions ~~on a drawing surface~~ for gradually adjusting the adjusted curvature radius of the optical fiber which has a changed drawing direction in order to release bending stress and stress concentration in the optical fiber and thereby decrease a possibility of breakage of the optical fiber,

said fixing roller and said at least two movable rollers being arranged so that said optical fiber always travels substantially around a common circular arc having said adjusted curvature radius; and

a winding apparatus adapted to wind the optical fiber which has an adjusted curvature radius.

2. (Currently Amended) The apparatus of claim 1, further comprising wherein there is provided a bracket connected to at least one of said at least two movable moving rollers, respectively, in order for said at least two movable moving rollers to move in at least one lengthwise direction relative to along a drawing surface of the optical fiber.

3. (Currently Amended) The apparatus of claim 2, wherein said bracket comprises a vertical direction guide formed by a groove extending in a vertical direction and in which a shaft of said at

least two ~~moving~~ movable rollers is guided ~~embedded~~, in order for said at least two ~~moving~~ movable rollers to reciprocate in said vertical direction.

4. (Currently Amended) The apparatus of claim 3, wherein a pivot joint is installed ~~in~~ at one ~~side~~ end of the bracket, and the bracket ~~rotates~~ is rotatable about the pivot joint.

5. (Currently Amended) The apparatus of claim 2, further comprising a spin apparatus capable of ~~impressing~~ imparting a spin to the optical fiber by reciprocating the bracket in a transverse direction with respect to a drawing plane of the optical fiber, said apparatus being connected with ~~a~~ the bracket connected to one among said at least two ~~moving~~ movable rollers.

6. (Currently Amended) The apparatus of claim 5, wherein said spin apparatus ~~adapted to impress a spin to the optical fiber~~ includes a link connected CAM.

7-9. (Canceled)